



**Volume 1
Issue 1**

WINGS OVER NEW JERSEY

Birthplace of the Civil Air Patrol



1 Aug 06

Inside this issue:

Commanders Corner	1
Speakers Bureau	1
New Vice Cmdr	1
Cumberland Sq. in Relay for Life	2
Finds	2
Cadets Study Supersonic Flight	3
Basic Encampment Pictures	3
NJ Wing Department News	4-5
Group 223, Bayshore	6
Awards	6

Upcoming Events

- * Atlantic City Air Show, 23 Aug
- * PAO Workshop, 16 Sept
- * Teterboro Air Show, 18-20 Aug .
- * TLC Training Leaders of Cadets 16-17 Sep,
msperry1@comcast.net, 609.929.7562

Commander's Corner CAP MISSIONS

The missions of CAP are changing and we will be getting fewer Air Force missions. Due to the fact that more aircraft are using the new 406 ELTs which are registered. The Wing staff are working to generate MOUs with different agencies to create a source of new missions that can be prosecuted by the New Jersey Wing CAP.

With the SAREXs coming up in July we will be demonstrating what we can do for potential customers. To be successful with these demonstrations we need to have our members trained and be ready to meet the challenges of the mission.

From October 1, 2005 To May 30, 2006 the wing conducted 20 Air Force mission. Four of the missions where prosecuted by the ICs. only. 16 ground units were involved and 5 air assets were used. Ground units used during the mission were Cumberland Sq, Schweiker Sq, Picatanny Sq, Twin Pine Sq, Bayshore Sq, Jersey City Sq, Pinland Sq, and Cape May Sq. Six of the missions were activated during the day. Air units used during the missions were Wing, Schweiker Sq, Group 223, Twin Pine Sq.



Major Robert Jennings—NJ Wing's New Vice Commander

Maj Robert Jennings is the new Vice Commander of NJ Wing.

Maj. Jennings comes from an impressive background as commander of Group 225 and Leadership Officer for Schweiker Composite Squadron. He has experience as a CAP cadet for 4 years in the 1970s and served in the Army National Guard for 4 years prior to serving

almost 5 years as an active duty Army Officer.

Maj Jennings brings experience in all three CAP missions, he is a qualified Mission Observer and Ground Branch Director, very experienced in the CAP Cadet Program, and is a qualified Aerospace Education Officer.

Lisa Van Clief, Lt Col, NJ Wing PAO

Speaker's Bureau Debut A Success

The first application of the New Jersey Wing CAP Speakers Bureau was successfully demonstrated with a speaking engagement at the Wrightstown Rotary Club. Maj Ronald Wiley gave a presentation on Emergency Services and the contributions CAP makes to the community. Lt Col Gregory Weidenfeld made an impressive presentation about Aerospace Education and Civil Air Patrol history. Lt Barry May explained the CAP organization, the three missions and our Homeland Security missions. The pres-

entation concluded with an open invitation to join our ranks.

The Speakers Bureau was formed to provide qualified speakers to our CAP units, organizations outside CAP and to the news media. We have a treasure trove of expert commentators News Rooms should know about. Unfortunately, we are relatively unknown. "The best kept secret"



as we jokingly say. It's time to change this culture through good Public Affairs practices and providing a valuable news commentary.

PROPOSAL TO ALL MEMBERS

You have a specialty, aerospace education, ES team member, Cadet

(Continued on page 3)

Cumberland Composite Sq. Participates in Relay For Life

The Cumberland Composite Squadron of Civil Air Patrol performed a wreath laying ceremony at the opening of the Relay For Life on Friday evening, June 2nd. The wreath was in honor of all those who did not survive their fight against cancer.

Despite threatening clouds, which gave way to sunlight during the ceremony, Mayor Phillip Rhudy of Hamilton Township, assisted by Ca-

det Sr. MSgt Hoffman and Cadet Airman Metzger, placed the wreath in front of Friday's large crowd. Once the wreath was placed, Taps was played. Then, the cadets stood guard at the wreath for the next four hours while walkers passed by.

The Color Guard consisted of Cadet Airman Kroger, Cadet Sr. Airman Morrison, Cadet SSgt Roselle and Cadet SSgt Videll. Also participating were Cadet Airman Franks and

Cadet Basic Arroyo. The entire ceremony was led by Cadet 1st Lt. King, assisted by Cadet 2nd Lt. Murr. Both officers have attended the Civil Air Patrol Honor Guard Academy and brought both the knowledge and enthusiasm back with them. Since Lt. King returned from his first Honor Guard Academy, the Cumberland Squadron has done several wreath ceremonies and parades in several South Jersey communities.

FINDS

Brigantine

Congratulations for a job well done go to Lt Col Israel Thompson, Capt Christine West, and 1st Lt John Zaruba of Cumberland Composite Squadron. Their dedication, training, and persistence really paid off.

The team braved the elements early this morning (0154 – 0955) in search of a distress beacon. Air assets were unavailable at the time so the team successfully drew from their training and experience to locate the errant EPIRB. Cloud cover and remote location created a dark, challenging environment for the team. Visibility improved as the sun came up and they were able to navigate along the coastline to the target. With an escort from local police department, the team silenced the EPIRB in a boat on the water near Brigantine, NJ. The boat's owner who wasn't home at the time said he didn't know he had an EPIRB.

Nice work team!

Lt Col Marianne Ferland, CAP
Incident Commander - 06M0973



Delaware Bay

Mission 06M1191 came to a successful end this afternoon thanks to the efforts of a multi-unit team. The participants were Col Bob McCabe, NJ Wing; Maj John Sammons, Cadet Justin Laird, and Cadet Coleman Calhoun, Cape May County Composite Squadron; Maj Jennifer Rudolph, Jack Schweiker Composite Squadron; and Capt Andre Ferland, Northeast Region.

This mission was a hand-off from the US Coast Guard. The Coast Guard had been searching for a distress signal in the waters of the Delaware Bay due west of Cape May Courthouse since noon yesterday. CAP got the call this morning at 10:07 and the alerting calls went out. By 10:45 team members were alerted and on the way to their rally points. A search aircraft from South Jersey Regional Airport and ground team from Cape May County Composite Squadron were launched just before noon. The batteries in the ELT were weakening and the SAR satellites were no longer reporting a signal. The ground team positioned itself for a quick response to the aircrew's direction, but alas, there was no signal to be heard. The aircrew scoured the entire Cape May peninsula with no success. It was time to go home. As both teams headed home the aircrew stopped for fuel and refreshments at Millville Airport. As they taxied the aircraft to the service area a very faint signal was heard, over

30 miles from the original search coordinates. The aircrew located the aircraft with the transmitting ELT, the owner was contacted and the ELT was silenced. The total time from launch to silencing the ELT was 2 hours and 20 minutes.

There are two main reasons that this mission was a success. First the aircrew continued to listen to the direction finding equipment even while returning to base. Second they are all qualified in Urban Direction Finding and were able to immediately locate the ELT outside their aircraft before the batteries went completely dead. Once again training and persistence pays off.

Thank you to all who answered the call and took time from your busy lives that others may live.

Nice work team!

Lt Col Marianne Ferland, CAP



OOPS

(Speakers Bureau, Continued from page 1)

Programs or Homeland Security that we need to document. What NJ CAP Public Affairs needs from you is a completed application for the Speakers Bureau.

We also need volunteers interested in administering the program by contacting news services, interviewing potential speakers and organizing a response mechanism to news service's request.

BENEFITS

The Speaker's Bureau potentially will provide more than recognition of our expertise. This is a two way street that will give us a venue for our Public Service Announcements and participation in interview programs.

GET INVOLVED AND HELP NJ WING CAP ACHIEVE A DESERVED RECOGNITION

Lt Barry May
NJ Wing PA Training Officer
732.330.1406
njpaotraining@security-zone.com



*Pictures Courtesy of Lt Mark Swanson,
Basic Encampment Public Affairs Officer*

Cadets Study Supersonic Flight using a Water Tank

What can you learn about supersonic flight by watching ducks swim? Quite a lot as the cadets from the Lone Eagle Squadron of the Civil Air Patrol discovered recently at their meeting location in Peapack-Gladstone, NJ. It turns out that surface waves in water are an exact two-dimensional analog of three dimensional shock waves produced by supersonic aircraft.

In both cases, the ratio of the speed of the object relative to the speed of surface waves or sound waves respectively can be determined by measuring the angle of the generated waves. The smaller the angle the higher the speed. The strength of the wave which corresponds to the drag or resistance can be deter-

mined in the case of surface waves by measuring the height of the wave.

In the accompanying photograph, Civil Air Patrol (CAP) Aerospace Training Officer, 1st Lt Sam Feldman demonstrates the proper experimental

technique by dragging a pencil at a constant speed through the tank. (1st Lt Feldman's day time job is teaching high school physics.) Standing behind him are CAP senior members 1st Lt

Stephen Murray, 2nd Lt Gregory Skinner, and Senior Member Jeff Vinton. The Civil Air Patrol Cadets watch carefully because next it will be their turn.

1st Lt Sam Feldman, CAP, Aerospace Education Officer, from Gillette, NJ,

holds a PhD in Biomedical Engineering, is a former High School Science teacher, and holds a Commercial Instrument Pilot rating. The cadets repeat the experiment this time towing Styrofoam models of airplane wing cross sections called airfoils. The cadets discovered that at any given supersonic speed, wedge shaped airfoils with thin cross sections generate the minimum amount of air resistance or drag.



From left to right are Cadets MSgt Zachary Axt, TSgt Stasia Rogacki, SSgt John Skinner, Airman Delgado, Airman Coleman, and TSgt Matthew Siman, with instructor 1st Lt Sam Feldman.

New Jersey Wing Department News

Administration

Wing Directory

You are the number one person in making the Administration Officer at NJW look good or not so good. The Administration Officer is in the process of putting a NJW directory together but that directory can only be as accurate as the information available. If everyone checks their personal information, every unit checks the unit information and each department head checks the department information the directory will have a higher rate of accuracy.

Each member is responsible to keep their personal information at National, Wing, Group and / or Squadron level updated and accurate. Each unit is responsible to keep the unit information current and accurate at the higher echelons and on the web site(s).

Where web sites are involved it should be a high priority to keep the information accurate. As of this past week there was incomplete and conflicting information about the location and meeting times of our units on the web. If the information is not accurate it reflects poorly on each and every member and unit of CAP.

Our Commander has given us a motto: 1Wing, 1 Team, 1 Standard of Excellence. One of the areas where any short fall from a high Standard of Excellence is obvious to all is when it occurs in the Administration Office. You are #1 just as I am #1 in accomplishing the motto set before us.

Aerospace Education

Cadet Programs

Unit Web Sites

I visited the various unit web pages of the wing and am amazed at the various methods and formats I have seen using the web as a tool to communicate with your members.

The National Cadet Program Directorate has requested that all squadron and unit web pages display link to the National Cadet Programs site.

The link is www.cap.gov/cadets. The alternate link is <http://>

level2.cap.gov/index.cfm?nodeID=5177

The National web site is a great resource for our members and definitely has allot of information available. Please post a link in all your unit web pages and make it available to anyone who visits your web page.

Thank You

WANTED

Workers in Wing Cadet Programs

The Cadet Programs Directorate is looking for Senior's who want to come work in Cadet Programs at the Wing Level. Several positions are available depending on your area of interest. We need help developing, planning, and executing activities, running programs, etc. You will not have to leave your squadron; you can help out as an additional duty.

If you are interested please contact the Director of Cadet Programs. Senior Cadet Officers are also welcome.

Calendar

Sept or Oct - Training Leaders of Cadets Course (exact date TBD)

Chaplain

Communications

Counter Drugs

Finance

Government Relations

Information Management

Inspector

Legal

Logistics

Logistics is more than just a word it is the Alpha and Omega of an item...the beginning and the end. It's a way of life in any organization to equip, sustain, and process materials for survivability.



Logistics varies in degrees based on size of a company, Military Service, Supply and Demand needs and mission. Some functions of Logistics are universal, international, domesticated and in your neighborhood. A constant process of movement is always happening and along with that process is the system of requisitioning, processing and tracking the equipment, large or small, in a never ending cycle.

Civil Air Patrol's Logistics program has advanced tremendously over the last five years with new electronic systems; radios, computers, aircraft, and vehicles. The development of the CATS system, CAP Accountability Tracking System, provides an exclusive look-see into real time equipment dispersal, location and status. The process of a paperless operation is steadily happening given that one sheet receipt vs. four printed copies for everyone including Auntie M!

Along with the all these processes comes responsibility to care, protect and make ready equipment entrusted to every Wing, Group, Squadron and Individual. What is critical is sustaining what we have, how we use, and how it's maintained to meet our CAP Mission for USAF, Homeland Security and Community Disasters or when called upon to render support.

READINESS-READINESS-READINES is what we train for in all CAP programs. But we cannot deploy our Crews and Teams if our assets are not Safe, Air Worthy, Road Ready and Comm-Able. Neglect and procrastination are not options! Military services do not delay maintenance procedures on a weapons system, vehicles; wheel or track, or communications and instrumentation. The Global Mission of our Military Forces has been on a High Tempo State of deployment, protection and readiness of any / all situations, foreign and domestic. CAP will be the same with all assets and resources assigned. Guidelines outlined in regulations must be complied with, reporting must be timely and accurate, maintenance, be it routine, preventative or major must not impede our mission with a lengthy out-of-commission time or forgetfulness. Lives of others depend on our Readiness. Readiness has many avenues which we must constantly travel; training, communication, qualification, flying skills, leadership, management and

Personal Ready-To-Go call. When our equipment is not Operationally Ready "OR", we cannot meet the mission presented before us. We cannot offer the capabilities of CAP to other agencies if we cannot demonstrate a good Logistical Discipline. Commanders, Wing Department Leaders, Logistic and Supply Officers have an extreme responsibility to update aircraft, vehicles, equipment and communications in the CATS system.

The updates become and remain a vital overview for the Wing Commander to assist in situational support by sizing up his unit locations, resources and assets with a quick Look-See utilizing the CATS program.

We are a team, a team to support each other. Increase awareness of the Logistics program aids in supporting Wing, Group and other Squadron operations if/when a situation arises. We hope that time does not come, but, if and when it does....are you ready?

Operations

STRATOPS

The Operations sections of the Wing are working on ways to have all members ready to meet the challenges that may come to the wing. A way to pass on information to the squadron and groups is to have a STRATOPS meeting. At the meeting those who attend are able to receive, discuss and give feedback on the information given. It is also a way for the groups and squadrons to inform the Operations sections on what is needed to complete the missions of CAP. These face-to-face meetings have proven beneficial in the planning and implementation of the goals of the Wing. In order to have all the squadrons and groups be informed it is requested that the ES, Ops, and Training officers go to these meetings.

The Wing is working on developing customers so that our services can be put into action. At the present time meetings with potential customers are being conducted. With the up coming sarexs we hope to give the potential customers a demonstration of what we can do. The key to our success is that all our members are informed and prepared to deliver the service. The Operations sections need to know who and where the members are to deliver the service. The STRATOPS meeting is the source of information and communication in the preparation to meet the challenges. Plan on attending.

WANTED CISM Team members

There will be a Critical Incident Stress Management Group Crisis Intervention Course given on August 26 & 27 at Trenton Mercer Airport. The cost is \$35.00. That will include breakfast & possibly lunch depending on the number of attendees.

Mental Health Professionals, nurses, doctors, CAP members and anyone else that is interested is invited to attend. When you complete Group Crisis Intervention you can work on CISM team.

The class follows the International Critical Incident Stress Foundation. You can visit icisf.org for more information.

Please email if you are planning on attending. The check can be mailed to: Katja Abegg

35 Windham Drive
Eastampton NJ 08060
609-605-6525

katja.abegg@njwg.cap.gov

Katja S. Abegg, CAPT, CAP

Professional Development

Training Calendar

9-12 Aug: National Board & Annual Conference, Reno, Nevada

25-27 Aug: NER IG Senior Level School, Westover AFB

10 Sep: Level I, sponsored by Group 223, Maj Dennis Bateman

16-17 Sep: Unit Cmdr's Course (UCC), NJ Wing Headquarters, Lt Col Rich Olzewski, Project Director

10-12 Oct: NER Conference, Vermont

14-15 Oct: Corporate Learning Course (CLC), NCO Academy, Capt. William Ward, Project Director

18 Nov: Level 1, sponsored by Group 224, Maj Ronald Wiley

Public Affairs and Marketing

I would like to encourage every group and squadron public affairs officer to contribute to this newsletter. Squadron public affairs officers, please encourage the cadets and senior members on your public affairs team to write articles and take photos, not only for your squadron newsletter and the newspapers. Also encourage them to do likewise for the wing newsletter. Articles don't need to be

long. And photos need to be digital and high resolution. Cadets are required to have their articles and photos, edited and approved by their squadron public affairs officer.

Public Affairs Officers, please submit article and photos to: pa@njwg.cap.gov. Due to time constraints, only emailed articles and photos, will be published.

Lisa Van Clief, Lt Col, CAP

Safety

New Safety Regulations

I just want to pass along some important information about the new safety regulation. This regulation was released on an emergency basis, which means there are likely to be added changes to it within the next year. So stay tuned.

After confirming with the NER/SE, the new safety regulation does away with the CAP Safety Pledge. This is no longer a requirement.

The new safety regulation also changes the format of the annual safety survey. For 2006 please use the current survey as posted on the NJ Wing Website www.njwg.cap.gov/safety.

The new safety regulation requires that all safety officers complete CDC 02170 or "equivalent Training" within 90 days of appointment as a unit safety officer. 90 days is a very aggressive time frame to get a course and complete the testing. So currently all the NER safety officers jointly are coming up with "equivalent Training". I will announce our training program alternative as soon as it is available.

The new Safety regulation puts and increased emphasis on ORM. Please plan accordingly. Both the CAP website (<http://level2.cap.gov/visitors/programs/safety/orm.cfm>) and USAF Safety website (<http://afsafety.af.mil/orm/orm.asp>) have excellent ORM training and resources available.

NJ Wing had a very safe year last year with only 3 reportable mishaps. We had no vehicle mishaps and no aviation related mishaps (intention of flight). This is entirely because of your commitment each one of you have made to creating and continuing a Safety Culture in NJ Wing. Keep It Up!!

Lt.Col Kevin Webster
NJ Wing Director of Safety

NJ Wing, Civil Air patrol

Newsletter Editor
Lt. Barry May
1358 Hooper Ave.
Toms River NJ 08753
732.330.1406
Fax: 732.244.8938
njpaotraining@security-zone.com



www.njwg.cap.gov

Group 223

Bayshore

Four members of the Civil Air Patrol ran in the Sheehan 5 Mile classic held in Red Bank NJ June 10th. The weather was cool with a slight wind which was perfect, especially since these members ran in full BDU clothing, boots and 24hr survival back packs.



The course, which meandered through Red Bank and Fairhaven residential streets, was lined with cheering on lookers and the CAP members received a warm welcome and many "thank you's". With the finish line in sight a push was

made to complete the course in a respectable 55 minutes.

The runners, Lt. Gordon-Lewis, Lt. Joe Scalzo, C/CMsgt Debrowski and C/CMsgt Mitchell are all members for the Bayshore Composite Squadron, based at Fort Monmouth. Along with the runners, seven other members also helped the Red Cross in setting up and providing support at the finish line. Information about this squadron can be found at <http://bayshore.njwg.cap.gov>



Unmanned Aircraft

Yet again Lockheed Skunkworks has rolled out of secrecy an aircraft. It's hard to get an idea of size, but look at the door in the back of the hangar. Best guess is it's about 3/4 the size of a B-2.

The early supporters of the fledgling organization included New York Mayor (and National Civil Defense Chief) Fiorello LaGuardia, New Jersey Governor Charles Edison, Lt. Gen. Henry H. Arnold, the Civil Aeronautics Authority's Robert Hinckley, Florida Defense Force's "Ike" Vermilya, publisher Tomas H. Beck, Kenneth Littauer, newspaper owner Guy P. Gannett, World War I ace Reed Landis, and Maj. Gen. John F. Curry.

AWARDS

Billy Mitchell Award

Cadet / 2nd Lt Lindsey Asdal was presented with her **Billy Mitchell Award** at a recent meeting of the Lone Eagle Composite Squadron of the Civil Air Patrol (CAP). This award, the second cadet milestone award, is earned after successful completion of the first eight achievements of the cadet program. In addition to the achievements, the cadet must pass a comprehensive examination on aerospace and leadership for this award.

Cadet / 2nd Lt Lindsey Asdal, a recent graduate of Mendham High School, was nominated by U.S. Congressman Rodney P. Frelinghuysen to the Naval Academy. She was accepted by the Naval Academy and will be reporting there on June 28, 2006. She also obtained her private pilot's license in May of last year and has recently completed her Instrument Pilot Rating and CAP Form 5 Certification to operate



From left to right is 1st Lt Alan Wegner, Deputy Commander for Cadets, Lt Col Michael E. Dolan, Squadron Commander, C/2nd Lt Lindsey Asdal, Mayor Vincent A. Girardy, Peapack-Gladstone, NJ, and Lt Col Joseph Milano, Chief of Staff, NJ Wing, CAP.

CAP aircraft. She is the daughter of Mr. and Mrs. William Asdal of Chester, NJ.

Amelia Earhart Award

Cadet /Capt Brenton Mastro was presented with his **Amelia Earhart Award** at a recent meeting of the Lone Eagle Composite Squadron of the Civil Air Patrol (CAP). This award, the third milestone award, is earned upon successful completion of the first eleven achievements of the

cadet program and upon passing a comprehensive examination on aero-



From left to right is 1st Lt Alan Wegner, Deputy Commander for Cadets, Lt Col Michael E. Dolan, Squadron Commander, Cadet /Capt Lt Brenton Mastro, Mayor Vincent A. Girardy, Peapack-Gladstone, NJ, and Lt Col Joseph Milano, Chief of Staff, NJ Wing, CAP.

space and leadership.

Cadet /Capt Brenton Mastro, who is the current Cadet Squadron Commander, recently graduated from Bernards High School, Bernardsville, NJ. He will be attending Norwich University and participating in the US Marine Corps ROTC program. He is the son of Mr. and Mrs. Michael Mastro of Gladstone, NJ. Mr. Michael Mastro is a former Chief of the Peapack-Gladstone